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PERIODICALS

The REVIEW is indebted to Robert F. Foerster for abstracts of articles in Italian periodicals, and to R. S. Saby for abstracts of articles in Danish and Swedish periodicals.

Economic History, United States

(Abstracts by E. L. Bogart)

ANDREWS, C. L. *Alaska under the Russians—Baranof the builder*. Wash. Hist. Quart., July, 1916. Pp. 15.

Describes the work of Baranof during a period of twenty-eight years, 1791-1818.

BABCOCK, H. L. *The beaver as a factor in the development of New England*. Americana, Apr., 1916.

BELL, H. C. *British commercial policy in the West Indies, 1783-1793*. Eng. Hist. Rev., July, 1916. Pp. 12.

Describes the efforts made by the British government to enforce the navigation laws after the loss of the continental colonies.

BRADLEE, F. B. C. *The Eastern Railroad*. Essex Inst. Hist. Coll., July, 1916. Pp. 31.

An account of early railroading in eastern New England. The Eastern Railroad was between Boston and Salem.

CAMPBELL, J. V. *The Sinclair party*. Wash. Hist. Quart., July, 1916. Pp. 15.

An emigration overland along the old Hudson Bay Company route from Manitoba to the Spokane country in 1854.

CLARK, V. S. *The influence of manufacturers upon political sentiment in the United States from 1820 to 1860*. Am. Hist. Rev., Oct., 1916. Pp. 7.

CROSFIELD, J. D. *Richard Smith and his journal, 1817-1824*. Journ. Friends Hist. Soc., Aug., 1916. Pp. 10.

Experiences of a Quaker merchant in the Ohio country. Second instalment.

CUNNINGHAM, C. H. *Origin of the Friar Lands question in the Philippines*. Am. Pol. Sci. Rev., Aug., 1916. Pp. 16.

Traces the history of the church lands from 1687.

FAUST, A. B. *Swiss emigration to the American colonies in the eighteenth century*. Am. Hist. Rev., Oct., 1916. Pp. 24.

An account of the difficulties interposed by the Swiss governments. Many documents are reprinted in an appendix.

GALLAHER, R. A. *Indian agents in Iowa*. I. *Agents among the Saco and Foxes*. Iowa Journ. Hist. & Pol., July, 1916. Pp. 47.

GIBBS, L. M. *Growth and development of Sioux Falls, South Dakota*. Northw. Banker, June, 1916.

GOLDER, F. A. *Mining in Alaska before 1867*. Wash. Hist. Quart., July, 1916. Attempts at coal mining between 1850 and 1860.

GROVER, F. R. *Indian treaties affecting lands in the present state of Illinois.* Journ. Ill. State Hist. Soc., Oct., 1916. Pp. 40.

GUERNSEY, S. J. *Notes on exploration of Martha's Vineyard.* Am. Anthropologist, Mar., 1916.

HASKINS, MRS. E. B. *Fanny Saltar's reminiscences of colonial days in Philadelphia.* Pa. Mag. Hist. & Biog., Apr., 1916.

HIBBARD, B. H. *The settlement of public lands in the United States.* Intern. Rev. Agr. Econ., vol. 7, no. 1, 1916.

HINKE, W. J., translator and editor. *Report of the journey of Francis Louis Michel from Berne, Switzerland, to Virginia, October 2, 1701-December 1, 1702.* Va. Mag. of Hist., July, 1916. Pp. 29.

Concluding instalment.

LENHART, J. *The Capuchins in Acadia and northern Maine, 1632-1655.* Rec. of Am. Cath. Hist. Soc., Sept., 1916. Pp. 39.

Describes economic as well as political and religious activities.

LIPPINCOTT, I. *A century and a half of fur trade at St. Louis.* Wash. Univ. Studies, vol. III, pt. II, no. 2, Apr., 1916. Pp. 37.

Traces the history of the fur trade from 1762. The year 1914 showed the largest amount of furs ever handled.

PAINTER, R. E. *Tavern amusements in the eighteenth century.* Americana, Jan., 1916.

PAXSON, F. L. *The cow country.* Am. Hist. Rev., Oct., 1916. Pp. 18.

The growth and decline of cattle raising on the western range between 1866 and 1887.

QUISENBERRY, A. C. *The census of Woodford county, Ky., 1800.* Register of Ky. State Hist. Soc., May, 1916.

SANFORD, A. H. *Mutual opinions of North and South, 1851-1854.* Hist. Teachers' Mag., May, 1916.

SCHLICHER, J. J. *Terre Haute in 1850.* Ind. Mag. of Hist., Sept., 1916. Pp. 25.
A gossip narrative.

SELIGMAN, E. R. A. *Economic influence of the war on the United States.* Econ. Journ., June, 1916. Pp. 16.

Discusses the prosperity due to the war, certain disadvantages which have accompanied this prosperity, and the economic outlook.

SPERLIN, O. B. *The Indian of the Northwest as revealed by the earliest journals.* Quart. Oregon Hist. Soc., Apr., 1916.

STEVENS, W. E. *The organization of the British fur trade, 1760-1800.* Miss. Valley Hist. Rev., Sept., 1916. Pp. 31.

A careful account of the fur trade in Canada and the western part of the thirteen colonies.

VAN DER ZEE, J. *Episodes in the early history of the Des Moines Valley.* Iowa Journ. Hist. & Pol., July, 1916. Pp. 37.

Contains material about the early fur trade.

WILKINSON, A. E. *The author of the Texas homestead exemption law.* Southw. Hist. Quart., July, 1916. Pp. 6.

The principle of homestead exemption originated with the Texas law of 1839, whose author was Louis P. Cooke.

WRIGHT, I. A. *The commencement of the cane sugar industry in America, 1519-1538 (1563).* Am. Hist. Rev., July, 1916. Pp. 26.

Spanish documents from the archives in Seville illustrating the origin and development of the sugar industry in the Spanish West Indies.

A Hudson's Bay Company contract. Quart. Oregon Hist. Soc., Apr., 1916.

A typical contract of the year 1850.

Letters of Benjamin Hawkins, 1796-1806. Coll. of the Ga. Hist. Soc., vol. IX, 1916.

Valuable contribution to source materials for study of Indian affairs. Hawkins was an Indian agent from 1796 to 1816.

Letters of James Rumsey, inventor of the steamboat. William & Mary Quart., July, 1916. Pp. 14.

Letters to Capt. Charles Morrow. Second and concluding instalment.

The pioneers of Jefferson county. Ind. Mag. of Hist., Sept., 1916. Pp. 31.

Reminiscences by five pioneers covering the first half of the nineteenth century.

Una Brown's journal. Md. Hist. Mag., Sept., 1916. Pp. 19.

A continuation of the journal of a land surveyor in Virginia and Ohio about 1796. Third instalment.

Economic History, Foreign

(Abstracts by Clive Day)

ABRAM, A. *Women traders in medieval London.* Econ. Journ., June, 1916. Pp. 10.

A substantial contribution, emphasizing the importance of women's work.

ALZAMORA, I. *The economic situation and possibilities of Peru.* Econ. Wld., Aug. 12, 1916. Pp. 3.

BACHI, R. *L'Italia economica nel 1915.* Rif. Soc., May-July, 1916 (supplement). Pp. 317.

This admirable annual economic survey of Italian economic conditions is of especial interest for the war year 1915.

BELL, H. C. *British commercial policy in the West Indies, 1783-1793.* Eng. Hist. Rev., July, 1916. Pp. 12.

A valuable contribution on an important topic, based largely on manuscript sources.

CRIMI, G. N. *L'integrazione industriale.* Giorn. d. Econ., June, 1916. Pp. 25.

Industrial integration is a natural and spontaneous evolution.

CURATO, G. *I contadini di Troja (Foggia) seconda Vinchiasta parlamentare.* Giorn. d. Econ., July, 1916. Pp. 19.

Information scattered through the voluminous government report upon the conditions of the peasants is here assembled into a connected statement.

FISHER, I. *Some impending national problems.* Journ. Pol. Econ., July, 1916. Pp. 17.

An anniversary address, touching on the problems of war, of conservation, and of the unequal distribution of wealth.

GAY, E. F. *Russia—economic doubles—America.* Russia, May, 1916. Pp. 2.

GILCHRIST, R. N. *The economic position of education in India.* Bengal Econ. Journ., Apr., 1916. Pp. 10.

HAMILTON, C. J. *The economic development of Japan.* Bengal Econ. Journ., Apr., 1916. Pp. 16.

An analysis of the causes of recent progress in Japan, with incidental comparisons with British India.

VAN DER KEMP, P. H. *Over de kustvaartwetgeving in Nederl. Indie van 1825 tot 1912.* De Economist, Sept., 1916. Pp. 17.

Navigation policy with respect to coasting trade.

LOUGH, S. M. *Trade and industry in Ireland in the sixteenth century.* Journ. Pol. Econ., July, 1916. Pp. 17.

A survey based on original printed material.

MATHOREZ, J. *La pénétration des Allemands en France sous l'ancien régime.* Rev. des Etudes Hist., Jan., Apr., 1916. Pp. 30, 35.

Includes industrial and financial aspects.

NICHOLSON, J. S. *Central Europe after the war.* Econ. Journ., June, 1916. Pp. 10.

A thoughtful review of Naumann's *Mitteleuropa*.

OZEROV, I. *The economic situation in Russia.* Russian Rev., July-Aug., 1916.

PANTALEONI, M. *I fenomeni economici della guerra.* Giorn. d. Econ., May, June, 1916. Pp. 20, 22.

PAYEN, E. *Le Brésil.* L'Econ. Franç., July 22, 1916. Pp. 2.

PAYEN, E. *Roumania and its resources.* Econ. Wld., Sept., 2, 1916. Pp. 4.

PISANI, L. *Phénomènes économiques italiens.* Journ. des Econ., July, 1916.

Covers the sugar industry, wine export, mortality, state railroads.

RAFFALOVICH, A. *La situation économique de la Russie en 1915.* L'Econ. Franç., July 8, 1916. Pp. 2.

SACO, J. A. *De las mercancías que servían para la trata negrera.* Rev. Bimestre Cubana, May-June, 1916. Pp. 9.

Records of purchases of African negroes for slavery, chiefly in the eighteenth century.

SANDERS, T. H. *Japan's financial opportunities.* Econ. Journ., June, 1916.

SCHMOLLER, G. *Fünfhundert Jahre Hohenzollern-Herrschaft*. Jahrb. f. Gesetzgebung, 40, 1, 1916. Pp. 20.

An eloquent tribute, including economic policy and results.

SIEGFRIED, F. P. *Through South America's Southland*. Rec. of Am. Cath. Hist. Soc., Sept., 1916. Pp. 8.

A review of Dr. J. A. Zahn's book, "Following the Conquistadores."

SIMKHOVITCH, V. G. *Rome's fall reconsidered*. Pol. Sci. Quart., June, 1916. Pp. 33.

Attributes fall of Rome to progressive exhaustion of the soil.

UNGER, W. S. *De hollandsche graanhandel en graanhandel-politiek in de middeleeuwen*. De Economist, Apr., May, June, 1916. Pp. 26, 49, 46.

Substantial contribution, including documentary and statistical material.

WRIGLEY, G. M. *Salta, an early commercial center of Argentina*. Geog. Rev., Aug., 1916. Pp. 17.

Historical-geographical account with maps.

The economic future of Russia. Moody's Mag., Sept., 1916. Pp. 4.

Der Krieg und die Wellenbewegungen des Wirtschaftslebens. IV. *Der Preisfall 1873-96*. Der Schweizer Volkswirt, May-June, 1916. Pp. 4.

Agricultural Economics

(Abstracts by John Lee Coulter)

ABLES, E. *Maize, the greatest American food product*. Bull. Pan. Am. Union, July, 1916. Pp. 11.

Popular, but carefully accurate story of the leading grain crop of the world, historical, statistical and descriptive, with illustrations.

AGNELLI, A. *L'economia agricola e il prestito di guerra*. Rif. Soc., Feb.-Mar., 1916. Pp. 18.

A study of the investment position of the agricultural classes in Italy expressing the hope that the new war loans will stimulate in these classes a greater interest in public affairs.

BAKER, R. S. *Agricultural revival in Massachusetts*. Wld. Wk., July, 1916. Pp. 3.

An account, in popular form, of the development of the three grand divisions of educational work in agriculture (the experiment station, college of agriculture, and extension service) in the United States, with Massachusetts as the state used to illustrate the movement and present status.

BRAND, C. J. *The determination of disputes under the United States Cotton Futures act*. Bull. U. S. Dept. Agri., Apr., 1916. Pp. 44.

A service and regulatory announcement put out by the Office of Markets, which under the law is charged with the administration of the act. Gives record of 1,003 disputes.

BRIDGES, G. G. *The system of land registration in New Zealand*. Mo. Bull. Econ. & Soc. Intell., Apr., 1916. Pp. 20.

An account of the land transfer system in New Zealand, which is in the main the well-known Torrens system first introduced in South Australia in 1858 and adopted in New Zealand in 1870.

BRODIE, D. A. *The influence of relative area in intertilled and other classes of crops or crop yield*. Circular U. S. Dept. Agri., No. 57, March, 1916. Pp. 9.

Probably the first study of this important problem in agricultural economics in which statistical results on a large number of farms are presented with some definite results.

BUTTERFIELD, K. L. *The relationship of New England agriculture to manufacturing*. Nat. Assoc. Cotton Mfgs., Apr., 1916. Pp. 10.

A careful examination of the importance of the revival and development of agriculture in New England, not to furnish any large part of the raw material needed by the factories but to furnish food for the laborers.

CAMP, W. R. *The movement to organize credit in North Carolina*. Intern. Rev. Agri. Econ., May, 1916. Pp. 4.

An account of the credit union law of North Carolina with details of problems met and progress made.

CHUBBUCK, M. E. *Chemung County, an account of its agriculture and of its farm bureau*. N. Y. Farm Bureau Circular 7, 1915. Pp. 42.

A typical county survey with basic facts analyzed and carefully prepared conclusions for sound economic farm improvement.

FLOHR, L. B. *Suggestions for parcel post marketing*. U. S. Dept. Agri., Farmers' Bull. 703, 1916. Pp. 20.

Illustrated popular treatise for producers and consumers on uses of parcel post for bringing farm products to consumers at the best time, in the best condition, with fair prices to both parties.

FRASCHETTI, A. *La politica commerciale italiana e i suoi effetti sull' economica nazionale*. Giorn. d. Econ., Apr., 1916. Pp. 34.

Includes an analysis of Italian agriculture and industry in the first fifteen years of protection.

GOEBEL, P. W. *Farmers' need for productive credits amply cared for by present facilities*. Econ. Wld., Apr. 8, 1916. Pp. 4.

A banker's view that there is no such special thing as rural credits and that no national legislation is necessary with statement that he had not read bill before Congress.

GROSS, H. H. *Agricultural efficiency a foundation for national defense*. Sci. Mo., Apr., 1916. Pp. 4.

A very general statement of the problem covering importance of efficiency in times of peace as well as times of war.

JENKINS, J. E. *Land settlement in Australia*. Intern. Rev. Agri. Econ., July, 1916. Pp. 7.

Review of land settlement program for state of Victoria; covers laws and administrative machinery in connection with sale of otherwise unoccupied lands. System of state advances to farmers and irrigation farms briefly treated.

JOHNSON, O. M. and DADISMAN, A. J. *An agricultural survey of Brooke County*. W. Va. Expt. Sta. Bull. 153, 1915. Pp. 32.

Report on study of some 200 farms visited and carefully studied. One of series prepared in coöperation with the Office of Farm Management of the United States Department of Agriculture. Illustrated.

HERRICK, M. T. and INGALLS, R. *How to finance the farmer; private enterprise, not state aid*. Cleveland, Ohio, Com. Rural Credits and Coöp., 1915. Pp. 58.

Descriptive account of mortgage systems now in use in various countries with plan of farm mortgage institutions for American farmers. Advocates private enterprise and opposed to government aid.

HIBBARD, B. H. and HOBSON, A. *Marketing farm produce by parcel post and express*. Am. Econ. Rev., Sept., 1916. Pp. 20.

NOURSE, E. G. *What is agricultural economics?* Journ. Pol. Econ., Apr., 1916. Pp. 18.

Careful analysis, with historical background, of what agricultural economics should be rather than what it is as taught today, with conclusion that it is so important that at least one solid course should be given in every university, whether otherwise interested in agriculture or not.

ORWIN, C. R. *Reports of home production of food*. Econ. Journ., Mar., 1916. Pp. 8.

Review of reports made by special committees selected to study the food crisis in England, Ireland, Scotland, and Wales, in view of the war, with discussion of recommendations.

PUTNAM, G. E. *Land tenure reform and democracy*. Pol. Sci. Quart., Mar., 1916. Pp. 12.

Brief review and growth of tenant system in the United States with reference to some means of stemming the tide such as land nationalization, taxation, direct government aid, state or national, and rural credit systems.

REED, W. G. and TOLLEY, H. R. *Weather as a business risk in farming*. Geog. Rev., July, 1916. Pp. 5.

A study of relation of weather to profits in agriculture illustrated with maps and statistical data with reference to last spring frost at a given point.

SINGH, ST. N. *The agricultural progress of Japan*. Wealth of India, Mar., 1916. Pp. 3.

Agricultural development since the Japanese awakened, including review of laws, development of education in agriculture, extension service, credit facilities, etc. Accurate statistics are presented.

SMITH, J. R. *Farming Appalachia*. Am. Rev. Rev., Mar., 1916.

A comparative study, with illustrations, of the farmers of the Appalachian Mountains and those of the Corsican Mountains with an attempt to show the great possibilities of improvement in our own country through a correct system of agricultural education.

SMITH, G. C. *Farm mortgage credit in New Hampshire*. N. H. Col. Arts & Sci. Research Bull. 2, 1916. Pp. 16.

A careful statistical and analytical survey of farm mortgage credit in New Hampshire with some valuable general conclusions. Illustrated.

THOMPSON, A. D. *Cost of producing milk on 174 farms in Delaware County*, N. Y. Cornell Sta. Bull. 364, 1915. Pp. 70.

A study in cost accounting with milk production in the hill sections of New York as the basis. Product of some 5,000 cows for two years involved. Of special interest in view of nation-wide study of this problem by the United States Department of Agriculture just begun.

THOMPSON, J. G. *The nature of demand for agricultural products and some important consequences*. Journ. Pol. Econ., Feb., 1916. Pp. 22.

A very careful examination of the theory of influence of demand on production and price as well as consumption of farm products with numerous concrete illustrations and both theoretical and practical results.

VOGT, P. L. *The farmer's labor income*. Am. Econ. Rev., Dec., 1916. Pp. 15.

VROOMAN, C. *Grain farming in the corn belt with live-stock as a side line*. U. S. Dept. Agri., Farmers' Bull. 704, 1916. Pp. 48.

Popular bulletin for the average farm of the North Central States showing place of scientific farming and place of "horse sense" in order to succeed. A carefully worked out system of farming with consideration of crops, live-stock, finances, markets, etc., is presented.

WELD, L. D. H. *Coöperation in Minnesota*. Mo. Bull. Econ. & Soc. Intell., Feb., Mar., 1916. Pp. 15, 7.

A comprehensive review of coöperation among farmers in Minnesota. The February number covers general conditions, a summary of statistics, coöperative creameries, and farmers' elevators; the March number, live-stock shipping associations, coöperative stores, telephone companies and insurance companies.

WOODBURY, R. M. *Statistics of the food supply of Germany*. Quart. Pub. Am. Stat. Assoc., Mar., 1916. Pp. 16.

Comprehensive and authentic report bringing together statistics on this subject with copious references covering exports, imports, home production, and consumption.

The agriculture of Argentina. Americas, Mar., 1916. Pp. 6.

Highly illustrated story of large-scale, extensive system of farming contrasted with the intensive farming of Denmark.

Agricultural labour and wages. Mo. Bull. Soc. & Econ. Intell., Feb., Mar., Apr., 1916. Pp. 12, 18, 4.

Deals with the entire labor population of farms in Sweden, the more important topics being terms of employment of agricultural laborers by district and by type of farm work, rules which regulate the engagement of farm workers, overtime in farm work, piece work, and the bonus system; wages in kind; grants of land to hired laborers; age, sex, condition, number in family and duration of work, kind and rate of wages; casual laborers, their number and distribution, etc.

Closer settlement in New Zealand. Intern. Rev. Agri. Econ., June, 1916. Pp. 3.

Brief review of government land policy in Dominion of New Zealand, meaning of closer settlement, early policy of disposing of crown lands; second policy adopted 1892, final policy of 1909, with statistics.

The consolidation of farm-lands. Intern. Rev. Agri. Econ., May, 1916. Pp. 13.

Historical and descriptive study of laws and administration looking toward reestablishment of boundaries of farms and dividing of large tracts into smaller farms in France. Statistical tables of results are given and copy of by-laws of a typical local association of farmers.

Land settlement in Queensland. Mo. Bull. Econ. & Soc. Intell., Apr., 1916.

An excellent account of legislation in Queensland providing for sale and lease of crown lands as well as homesteads. Detail of administration of the various acts, with statistics, are presented.

Proposal for increasing the home production of food. Mo. Bull. Soc. & Econ. Intell., Feb., Mar., 1916. Pp. 11, 8.

A thorough review of the reports (including minority) made by special committees to study the food crisis in Great Britain and Ireland on account of the war, with conclusions.

Quinine, a South American gift to humanity. Bull. Pan. Am. Union, Jan., 1916. Pp. 17.

Thoroughly scientific article clothed in popular language, well illustrated, presents discovery, developments, operation and uses of product of quinine farming.

Statistical notes on the yield, consumption, and prices of cereals with rates of ocean freight. Intern. Inst. Agri. Bull. Agri. Stat. (Supplement), Mar., 1916. Pp. 76.

Statistics of world production, areas sown and quantities used for seed, imports and exports, quantities available for domestic requirements, prices and rates of ocean freight.

Commerce

(Abstracts by Melvin T. Copeland)

BELLET, D. *L'industrie automobile aux Etats-Unis.* L'Econ. Franç., Aug. 19, 1916. Pp. 2.

Rapid increase in production and exportation.

CHERINGTON, P. T. *The American wool industry.* Bull. Nat. Assoc. Wool Mfrs., July, 1916. Pp. 11.

Problems which now confront wool grower and wool manufacturer.

COLAJANNI, P. *L'influenza dello stato di guerra sul costo di produzione dello zolfo in Sicilia e i provvedimenti del governo.* Rif. Soc., May-July, 1916. Pp. 14.

The Sicilian sulphur industry has almost collapsed during the war.

GILCHRIST, C. A. *Is a balance of trade in favor of exports favorable?* Sci. Mo., July, 1916. Pp. 11.

So-called "favorable" balance not a balance to the credit of the country.

HAMMOND, J. H. *Where will European competition find us weakest?* System, Sept., 1916. Pp. 8.

Better vocational education needed.

O'FARRELL, H. H. *British and German export trade before the war.* Econ. Journ., June, 1916.

Statistical comparisons for 1895-1913, indicating that German competition with English export trade has been over-estimated.

FRASCHETTI, A. *La politica commerciale italiana e i suoi effetti sull' economia nazionale.* Giorn. d. Econ., July, 1916. Pp. 30.

PAWLOWSKI, A. *Les ports maritimes de France en 1914 et 1915.* Journ. des Econ., Aug., 1916. Pp. 13.

Increased facilities; methods of relieving congestion.

PAYEN, E. *Le platine: sa production, son commerce et ses emplois.* L'Econ. Franç., Aug. 12, 1916. Pp. 2.

Production and prices; comments on uses.

RAFFALOVICH, A. *Le commerce extérieur de la Russie.* L'Econ. Franç., Sept. 2, 1916. Pp. 2.

Effect of war on Russian export trade; opportunities for expansion when war ends.

ROULAND, E. *La législation sur les marques de fabrique.* L'Econ. Franç., Sept. 2, 1916. Pp. 2.

Brief review of trade-mark legislation in France; proposed changes.

SELWYN-BROWN, A. *The shipping boom.* Moody's Mag., July, 1916. Pp. 4.

Improbable that American shipping will prosper after the war ends.

STOCKS, M. *The meat problem in Germany.* Econ. Journ., June, 1916. Pp. 6.

Ridicules German regulation of meat traffic.

WHITNEY, N. R. *Power of unity in export trade.* Annalist, Aug. 7, 1916. Pp. 2.

Suggests plan for organization of selling agencies or export associations by competing American exporters.

A coming industry. Nation's Business, July, 1916. Pp. 2.

Optimistic regarding development of dye-stuff industry in United States.

Frozen meat in France and the world's frozen meat trade in 1915. Econ. Wld., Sept. 23, 1916. Pp. 3.

Translation of article from *L'Economiste Francaise* noted previously.

Latin American exports: an opportunity. Bull. Pan Am. Union, Aug., 1916.

Advantages to United States of importing raw materials from Latin America.

The need of coöperation in developing foreign trade. Econ. Wld., Aug. 19, 1916. Pp. 5.

Report of committee of National Foreign Trade Council urgently supporting bill to permit combinations in foreign trade.

Paying unnecessary tribute to foreign business combinations. Americas, June, 1916. Pp. 5.

Favors bill permitting combinations for export trade.

The supply and the price of milk in New York City. Econ. Wld., Sept. 9, 1916. Pp. 4.

Milk controversy in New York and other cities will become more acute in the future; by-product supply no longer adequate.

Trade with the world. Nation's Business, July, 1916. Pp. 2.

Comparative statistical summary.

Webb foreign trade bill heartily endorsed. Greater N. Y., July 24, 1916. Pp. 4.

Resolution adopted by Merchants Association, New York; reasons for endorsement; amendments proposed.

Le commerce extérieur de la France pendant le premier semestre de 1916 et la balance des paiements à l'étranger. L'Econ. Franç., Aug. 19, 1916. Pp. 2.

Comments on statistics for exports and imports and balance of trade.

Railways

(Abstracts by Julius H. Parmelee)

AITCHISON, C. B. *The issues in the federal railway appraisal.* Utilities Mag., Sept., 1916. Pp. 11.

ALLIX, G. *Dangereuse tendance.* Journ. des Trans., Sept. 23, 1916. Pp. 4.

Deprecates the federation movement of French railway employees, as an indication of the coming of the general strike.

ALLIX, G. *Les chemins de fer Italiens depuis la guerre.* Journ. des Trans., Sept. 9, 1916. Pp. 5.

ALLIX, G. *Les résultats de 1915. Le Métropolitain de Paris. Les résultats de l'exploitation du réseau d'Orleans en 1915. Les résultats de 1915. Le chemin de fer Nord-Sud de Paris.* Journ. des Trans., June 17, July 1, July 15, 1916. Pp. 4, 4, 3.

BATES, O. *What is the significance of the eight hour working day?* Ry. Rev., Sept. 2, 9, 16, 23, 1916. Pp. 1, 3, 2, 2.

BAUER, J. *The allowance for working capital in a rate case.* Pol. Sci. Quart., Sept., 1916. Pp. 17.

BELL, W. H. S. *Railways and harbours regulation, control and management act, 1916.* S. African Railways & Harbours Mag., Sept., 1916. Pp. 8.

BELLET, D. *Les chemins de fer et la guerre*. I. Journ. des Econ., Sept., 1916. Pp. 14.

The first of a series; this number is general and historical.

BENTON, J. E. *Commission valuation for rate purposes*. Elec. Ry. Journ., Oct. 14, 1916. Pp. 5.

Origin and development of the fair-value rule.

BUSH, B. F. *The eight-hour law*. Pro. St. Louis Ry. Club, Sept. 28, 1916. Pp. 7.

CHAPPLE, J. M. *A train control that works*. Nat. Mag., July, 1916. Pp. 7.
Description of the Miller patent.

COLEMAN, F. G. *Electrification for heavy freight traffic in England*. Ry. Rev., Aug. 12, 1916. Pp. 5.

On the North Eastern Railway.

CORMIE, J. A. *The Hudson Bay railroad*. Queen's Quart., July-Aug.-Sept., 1916. Pp. 8.

Approaching completion of the new Canadian government railway.

DONOHUE, T. F. *The Missouri Pacific: can it survive?* Moody's Mag., Oct., 1916. Pp. 5.

The author's answer is affirmative. A discussion of the Missouri Pacific reorganization plan.

DUNN, S. O. *Government regulation of railway operation*. Pro. Western Ry. Club, May 16, 1916. Pp. 16.

DUNN, S. O. *The new tyranny*. Ry. Age Gaz., Sept. 22, 1916. Pp. 2.

The overweening power of the railway brotherhoods.

DUNN, S. O. *The railways, train employees and the public*. N. Am. Rev., July, 1916. Pp. 14.

DUNN, S. O. *Ten years of railroad regulation*. Scribners, Oct., 1916. Pp. 8.
The case for and against regulation; proposals for improvement.

DUNN, S. O. *The threatened strike on the railways*. N. Am. Rev., Oct., 1916. Pp. 14.

DUNN, S. O. *Why the Intercolonial Railway is a failure*. Ry. Age Gaz., Oct. 13, 1916. Pp. 4.

Another contribution to the discussion of the Canadian government railway system.

ELLIOTT, H. *The case for the railroads*. N. Y. Times Mag., Sept. 10, 1916. Pp. 2.

A railway president's opinion regarding the "surrender of Congress to the brotherhoods."

GATTIE, A. W. *National railways after the war: a reply*. Nineteenth Cent., June, 1916. Pp. 15.

Proposes that control over English railways be transferred from Board of Trade to a Committee of Control composed of representatives or railway stockholders, shippers, and railway employees.

GIBSON, T. *The railroad labor situation*. Moody's Mag., Oct., 1916. Pp. 4.

HAANEL, H. E. *Efficiency testing in train service*. Ry. Age Gaz., July 28, 1916. Pp. 3.

HULER, E. *Some practical aspects of government ownership of the railroads*. Concerning Munic. Ownership, Aug.-Oct., 1916. Pp. 4.

Deals chiefly with the difficulty of financing the purchase of the railways by the government.

HUNGERFORD, E. *Our railroads and the next war*. Collier's, Aug. 19, 1916. Pp. 6, with diagrams.

JOHNSON, E. R. *Railroad valuations and railroad returns*. Mag. of Wall St., July 22, 1916. Pp. 3.

Railways have little to fear from the results of the valuation now under way.

KERR, K. C. *American history as told in transportation literature*. Ry. & Marine News, Apr., May, June, Aug., Sept., 1916. Pp. 4, 7, 5, 5, 5.

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LAFFEY, M. C. *The Chicago & Eastern Illinois railroad*. Moody's Mag., Aug., 1916. Pp. 4.

Financial and operating analysis.

LAFFEY, M. C. *The Delaware, Lackawanna & Western*. Moody's Mag., Sept., 1916. Pp. 3.

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LAUCK, W. J. *The transportation industry and the need for a constructive program*. Journ. Am. Bankers Assoc., Oct., 1916. Pp. 4.

LEWIS, E. R. AND OTHERS. *Railway fire prevention*. Ry. Maintenance Engr., Sept., 1916. Pp. 4.

LUNDY, M. H. *Wanted—a square deal*. Ry. Age Gaz., Sept. 15, 1916. Pp. 2.

Discussion of injustice visited on railways and star-route mail carriers by the Post Office Department, because of failure to compensate for increased parcel post service.

MCGRATH, D. J. *Long rides for a nickel*. Elec. Ry. Journ., Aug. 5, 1916. Pp. 4.

Maps of single-fare zones in 24 American cities, the average radius extending from 1.9 miles in Worcester and New Bedford to 10.8 miles in Chicago.

MARKHAM, C. H. *The railroad superintendent*. Pro. St. Louis Ry. Club, Aug. 11, 1916. Pp. 10.

Description of a superintendent's position and duties by the president of the Illinois Central.

MICHAILOVSKY, A. *The Russian railroads and the war*. Russian Rev., July-Aug., 1916. Pp. 6.

MONKSWELL, R. A. H. C. *German railways: early days and development*. Ry. News (London), Sept. 30, Oct. 14, 1916. Pp. 2, 2.

Two articles in an historical series, written by Lord Monkswell.

NAGEL, R. *Die Eisenbahnen Ungarns im Jahre 1913*. Archiv f. Eisenbahnw., May-June, 1916. Pp. 13.

Hungarian railway statistics.

PARK, W. L. *The part of American railways in a plan of national defense*. Nat. Rev., Sept., 1916. Pp. 2.

PARMELEE, J. H. *War payments to the British railways*. Ry. Age Gaz., Aug. 11, 1916.

PAYEN, E. *Les grandes compagnies Françaises de chemins de fer en 1915*. I. *Les recettes brutes*. L'Econ. Franç., June 10, 1916. Pp. 3.

PAYNE, J. L. *Is government ownership in Canada a failure?* Ry. Age Gaz., Oct. 6, 1916. Pp. 3.

Reply to S. O. Dunn's article on the failure of the government railways of Canada (*Journal of Political Economy*, July, 1916).

PORTER, L. C. *Meeting the federal headlight requirements*. Ry. Age Gaz., Aug. 4, 1916. Pp. 4, with illustrations and diagrams.

PRATT, E. A. *The railways and their critics*. Nineteenth Cent., Aug., 1916. Pp. 13.

Reply to articles by Messrs. H. M. Hyndman and A. W. Gattie in earlier numbers of the *Nineteenth Century*.

PYLE, J. G. *The Life of James J. Hill*. I. World's Work, Oct., Nov., 1916. Pp. 22, 15.

The first articles of a biographical series.

RIPLEY, W. Z. *The railroad eight-hour law*. Rev. Rev., Oct., 1916. Pp. 5.

Analysis of the Adamson act of Sept. 3, 1916, and probable effect on railway operations.

RIPLEY, W. Z. *The two sides*. New Republic, Aug. 26, 1916. Pp. 3.

Analysis of trainmen's demand for eight-hour day.

SALIN, E. *Eisenbahnen und Eisenbahnprojekte in Alaska*. Archiv f. Eisenbahnw., May-June, 1916. Pp. 34.

History of railway development in Alaska; significance of the government railway.

SISSON, F. H. *Railroad control and credit*. Bankers Mag., July, 1916. Pp. 3.

Importance of unified policy of railway supervision.

STEVENS, W. B. *The railroad problem in city planning for St. Louis*. Pro. St. Louis Ry. Club, July 14, 1916. Pp. 7.

STROTHER, F. *Louis W. Hill*. World's Work, Sept., 1916. Pp. 6.

Sketch of James J. Hill's son and successor.

THOMPSON, A. W. *Efficiency of railway service in the United States*. Pro. St. Louis Ry. Club, Sept. 8, 1916. Pp. 20.

Largely a statistical comparison between the United States and foreign countries.

THOMAS, F. W. *The training of young men for promotion*. Ry. Age Gaz., Oct. 27, 1916. Pp. 4.

Methods used by the Santa Fé in selecting and training men for mechanical department officials.

THOMPSON, W. H. *Steam railroad electrification*. Bro. Eng. Club of Philadelphia, Oct., 1916. Pp. 9, illustrated.

WARNE, F. J. *Government investigation of railway wages*. Railroad Trainman, Aug., 1916. Pp. 8.

Analysis of Eastern rate cases of 1910 and 1914-1915.

British railways after the war. Ry. News, July 15, 1916. Pp. 2.

Canceling our debt abroad. Annalist, Sept. 25, 1916. P. 1.

Between July 31, 1915, and July 31, 1916, nearly \$1,300,000,000 of American railway securities returned from European holders.

Developing carload freight traffic on Illinois traction system. Elec. Ry. Journ., July 8, 1916. Pp. 10, illustrated with photographs and diagrams.

An epoch in railway electrification. Am. Industries, Aug., 1916. Pp. 3, illustrated.

The Chicago, Milwaukee & St. Paul project.

The great unscrambling of 1925. Unpopular Rev., July-Sept., 1916. Pp. 8.

A fantasy by which all the railways are broken up according to state lines.

The increases in prices of railway material. Ry. Age Gaz., Oct. 13, 1916. Pp. 4.

Specific increases in unit prices from July 1, 1914 to July 1, 1916.

North Western pulverized coal locomotive. Ry. Age Gaz., Aug. 11, 1916.

A new departure in fuel utilization.

Progress on government railroad in Alaska. Railway and Marine News, Aug., 1916. Pp. 3, illustrated.

Railway statistics. Archiv f. Eisenbahnw., May-June, 1916.

Greece (1913).

Some railway myths and fallacies. I. *Alleged superfluity of lines, stations, and depots*. II. *Mobility of railway rolling stock*. III. *Goods traffic*. Ry. News (London), Sept. 30, Oct. 7, 14, 1916. Pp. 2, 4, 4.

Studies in operation—The Western Maryland. Ry. Age Gaz., Aug. 4, 1916. Pp. 7, with map and diagrams.

Le tunnel sous la manche et son influence économique. Journ. des Econ., July 15, 1916. Pp. 10, with map and diagrams.

Discussion by several French economists of the proposed tunnel under the English Channel.

Die vereinigten preussischen und hessischen Eisenbahnen im Rechnungsjahre 1914. Archiv f. Eisenbahnw., May-June, 1916. Pp. 26.

Annual statistics of the Prussian-Hessian state railway system.

Accounting

(Abstracts by Martin J. Shugrue)

BAUER, J. *Allowance for working capital in a rate case*. Pol. Sci. Quart., Sept., 1916. Pp. 17.

Purpose is to analyze the general concept of working capital and to outline how the amount may be fairly determined in a specific case.

BAUER, J. *Bases of valuation in the control of return on public utility investments.* Am. Econ. Rev., Sept., 1916.

BOYCE, W. H. *Complete records help to offset the rising cost of labor and material.* Elec. Ry. Journ., Sept. 16, 1916. Pp. 1½.

BULKELEY, W. V. C. *Storehouse methods that reduce labor.* Elec. Ry. Journ., July 15, 1916. Pp. 2½.

Unique system of arranging stock and keeping storehouse and accounting records which have increased efficiency.

COE, H. W. *Substation records increase efficiency.* Elec. Ry. Journ., Aug. 26, 1916. Pp. 5.

Description of the method of compiling substation operating and maintenance records on Illinois traction system, with illustrations of various forms and methods of presenting cost and other data.

FARNHAM, D. T. *Visualizing the essential facts of a business.* Engg. Mag., Aug., 1916. Pp. 6.

What facts should be shown for control and how to present these facts effectively. Advantages of the graphic method of presenting cost data.

FORSE, W. H., JR. *How to use sinking funds.* Elec. Ry. Journ., Sept. 23, 1916. Pp. 2½.

Perplexing problems arising when bond issues have sinking fund provision and the proper accounting treatment in such cases.

HALL, R. O. *Back to single entry.* Journ. Account., Sept., 1916. Pp. 9.

Single entry has been subject to many crude criticisms, but both in theory and practice it merits more favor than it has received.

HILTON, W. P. *Interest on capital.* Journ. Account., Oct., 1916. Pp. 5½.

Why it should not be included in manufacturing cost.

KEYES, J. B. *Accounting problems in the cane sugar industry.* Journ. Account., July, 1916. Pp. 8.

Necessity of a modern system of cost accounts in the sugar business and important matters to be observed in the planning of one.

KNOEPPPEL, F. J. *Industrial accounting.* III. Journ. Account., Aug., 1916. Pp. 11.

Accountants and engineers have differed in the classification of operation cost. The proper classification. Illustrated with diagrams.

KNOEPPPEL, F. J. *Industrial accounting.* IV. Journ. Account., Sept., 1916. Pp. 10.

The most efficient method of presenting cost data demands that the essential facts shall be recorded in a manner that compels attention. Illustrated with charts and diagrams.

KNOEPPPEL, F. J. *Industrial accounting.* V. Journ. Account., Oct., 1916. Pp. 8.

In price fixing accurate costs alone may answer admirably in a

certain limited number of industries. However, in other industries this method of price determination is hardly reliable.

KUHN, G. W. *How to appraise public utility property.* Elec. Ry. Journ., July 15, 1916.

Important points to be borne in mind in planning appraisals, co-operating with employees of appraised company, handling company records and designing forms.

LINCOLN, E. E. *The control of return on public utility investments.* Am. Econ. Rev., Dec., 1916. Pp. 5.

LIPPINCOTT, J. B. *A method of determining a reasonable service rate for municipally owned public utilities.* Am. Soc. Civil Engs., Sept., 1916.

A method of determining a reasonable service rate for municipally owned public utilities.

McHENRY, W. E. *Is your cost system scientific?* Engg. Mag., Aug., 1916.

Some of the more glaring faults in existing methods are pointed out and remedies suggested in this stimulating article.

MAHON, G. *Interest on capital.* Journ. Account., Oct., 1916. Pp. 6.

In order that the business man may make intelligent comparisons of the various departments and manufacturing processes in his plant, interest should be treated as a true element of cost.

MILLER, F. A. *Keeping mechanical department costs.* Elec. Ry. Journ., Aug. 19, 1916. Pp. 2.

Up-to-the-minute cost data are available through the system which is in use on the Oakland, Antioch, and Eastern Railway.

NICHOLAS, F. *How to reduce the high cost of valuation.* Elec. Wld., July 1, 1916. Pp. 2.

M. R. Maltbie discusses the growing feeling that valuations are sometimes so expensive and unreliable that they are scarcely worth the time and money they require.

PAINE, F. B. H. *Preliminary and indirect costs.* Stone & Webster Journ., Sept., 1916. Pp. 22.

In the treatment of indirect costs (which are as essentially costs as those of a direct nature) our standard accounting systems fail, for they usually provide only a miscellaneous group of accounts in generalities and without such detail instruction as will make possible intelligent distribution of indirect expenditures of time and money.

PORTER, H. F. *Cost keeping and industrial prosperity.* Engg. Mag., June, 1916.

How the Federal Trade Commission is striving to help industries.

REUSSWIG, F. G. *Uniform system of accounting for cities of third class in New York.* Journ. Account., Sept., 1916. Pp. 16.

Many notable defects in existing systems. What the proposed system will do. How the plan was made adaptable in the case of two typical cities of the third class.

ROSS, G. E. *Simplicity the keynote of Oregon's state highway cost-keeping system.* Engg. Record, June 24, 1916.

SAKOLSKI, A. M. *Railroad operating expenses and property values.* Journ. Account., Aug., 1916. Pp. 11.

Deals with separation of operating expenses as between passenger and freight service, with special reference to cases decided recently by the United States Supreme Court and to the cost accounting plans of the Interstate Commerce Commission.

STANDER, L. E. *Accounting system in New York department of water supply.* Journ. Account., Aug., 1916. Pp. 9.

Deals with main outlines of accounting system in use by the department of water supply, gas and electricity in the city of New York.

STARK, C. W. *What the government valuation division is doing and how the work is handled.* Engg. Rec., July 8, 1916.

THUM, E. E. *Cost accounting in the construction and operation of a copper smelter.* Metallurgical & Chem. Engg., May 1, 1916.

Essential points of system. First instalment of a serial.

American railway accounting officers. Ry. Age Gaz., July 7, 1916. Pp. 10.

Twenty-eighth annual meeting of the Association of American Railway Accounting Officers, June 28, 29, and 30. Addresses and reports of various committees.

The first tentative valuation reports. Ry. Age Gaz., Aug. 4, 1916. Pp. 21.

After two and one half years of work, the federal valuation forces have completed tentative reports on the properties of the Texas Midland, the Atlanta, Birmingham & Atlantic, the Norfolk Southern, and the Kansas City Southern.

Fundamentals of a cost system for manufacturers. Federal Trade Com. Bull., July, 1916.

Object is to show importance of accurate manufacturing costs and the fundamental principles of a cost system, how it operates, the results obtained, and the benefits to be derived.

Overhead charges in the Bay State case. Elec. Ry. Journ., Aug. 19, 1916. P. ½.

Company's expert estimates 12.74 per cent of structural cost.

Proposition on branch accounts. Pace Student, June, 1916.

Principles of branch accounting illustrated with a practical problem and its solution.

Public Utilities

(Abstracts by Ralph E. Heilman)

AITCHISON, C. B. *The need for a consistent general state policy as to public utilities.* Commonwealth Rev. Univ. Oregon, Apr., 1916.

Considers the need of a state-wide utility policy in Oregon. Condemns franchise grants by municipalities, insists upon fair taxation, and supervision of security issues.

BAUER, J. *The control of return on public utility investments.* Pol. Sci. Quart., June, 1916.

Emphasizes the desirability of the development of an explicit policy as to return on investments, by legislative enactment.

BAUER, J. *The idea of capitalization as applied to public service corporations.* Journ. Account., July, 1916.

Capitalization, in a broad sense, should be regarded as all permanent investment, including all interest bearing obligations, all advances from associated companies, all capital stock investments, surplus, and all reserve created out of income.

CONWAY, T. *Current tendencies in the railway business.* Elec. Ry. Journ., July 1, 1916.

The effect of jitneys on financing and revenues of electric lines. Predicts a revival in gross and net earnings of electric railways.

DOOLITTLE, F. W. *Some problems of the electric railway industry.* Elec. Ry. Journ., June 3, 1916.

The serious effects on the finances of electric railways, of slight increases in required service standards, or labor costs, or slight decreases in fares.

DOOLITTLE, F. W. *The present and future development of interurban railways.* Elec. Ry. Journ., Sept. 2, 1916.

An analysis of the causes of the unsatisfactory returns of electric interurban lines, and a discussion of conditions which will produce better results.

HEILMAN, R. E. *The control of interstate utility capitalization by state commissions.* Journ. Pol. Econ., May, 1916.

Discusses the problem of jurisdiction in the issuance of securities by interstate utilities. Urges federal control as only adequate solution.

NASH, L. R. *Financial problems of electric railways.* Stone & Webster Journ., June, 1916.

Considers earnings, operating expenses, operating ratios, taxes, investment, the cost of securing capital, and the financial effects of public regulation.

NASH, L. R. *History and economics of the jitney.* Stone & Webster Journ., May, 1916.

Jitney competition has decreased street railway earnings, but financial results of jitney operation unsatisfactory. Jitneys might well be used by street railways as feeders.

PERKINS, J. H. *Differential rates for electric service, their evolution and justification.* The Bulletin (United Gas & Elec. Engg. Corp.), Aug., 1916.

The jurisdiction for special rates for retail and wholesale power and off peak service.

ROUX, G. P. *Evolution of public utilities.* Engg. Mag., June, 1916.

Origin and development of public utility enterprises, and the relation of the public to such projects,

SCHARFF, M. R. "*Low rates to large users.*" Stone & Webster Journ., June, 1916.

Criticises recent decision of the Washington Public Utilities Commission, and insists that low rates to large users are not necessarily discriminatory.

SCOTT, A. C. *Growth of a combination utility in a small city.* Elec. Wld., May 6, 1916.

Development of a utility property in Cameron, Texas, which furnishes electric service, water, and ice.

WATKINS, G. P. *Electrical rates: The load factor and the density factor.* Quart. Journ. Econ., May, 1916.

Considers the influence upon electrical rates of the time of consumption, and the quantity consumed.

WATKINS, G. P. *The theory of differential rates.* Quart. Journ. Econ., Aug., 1916.

Granting of differential rates rests upon the desirability of more fully utilizing fixed investment by granting specially low rates to business that can only be so obtained. This principle opposed to rates lower than separable cost, and in favor of a differential treatment of joint cost.

Analysis of Merrill report on water-power. Elec. Wld., July 1, 1916.

Analyzes the Merrill report made to Senate by the Secretary of Agriculture upon the water power situation in the United States. Maintains that report is laden with errors, that its data are deceptive and that animus is at the bottom of its conclusions.

The Commonwealth Edison Company in the industry. Elec. Wld., May 20, 1916.

Describes the growth and achievements of the Commonwealth Edison Company of Chicago.

Improvement of public relations. Elec. Ry. Journ., Sept. 2, 1916.

An analysis of the objects of establishing good public relations, and of the more important methods by which this result can be accomplished.

An improved form of street lighting contract. Elec. Wld., Sept. 2, 1916.

Features of a new form of indeterminate agreement, adopted by the Wisconsin Edison Company and several cities in the Milwaukee district, which will provide low cost and eliminate risks to the company.

Operation of an Ohio interconnected system. Elec. Wld., June 3, 1916.

Describes the operation of the interconnected transmission system of the Ohio Service Company.

To prevent the interruption of public utilities. Greater N. Y., Sept. 25, 1916.

Proposal of the Merchants Association for preventing the cessation of public utility operation in case of strikes.

Prospects poor for Seattle municipal lines. Elec. Ry. Journ., June 24, 1916.

The superintendent of public utilities reports that Division A of the municipal line will probably have to be operated twenty years or more before it becomes a paying line.

Review of jitney conditions in California. Elec. Ry. Journ., Aug. 12, 1916.

Movement for regulating and controlling operation of jitneys. Decrease in number of jitneys.

San Francisco municipal system without exposition traffic. Elec. Ry. Journ., July 22, 1916.

Comparison of earnings on San Francisco municipal electric lines for 1915, during and since the exposition. Significance of deficits thus far shown in 1916.

Six-cent fare disallowed for Bay State. Elec. Ry. Journ., Sept. 9, 1916.

Discussion of the decision of the Massachusetts Public Service Commission in the Bay State Street Railway case, in which the commission point out how to secure additional revenue through increased efficiency.

Some comments by Samuel Insull on public utility commissions. Elec. Ry. Journ., May 20, 1916.

The more centralized and powerful are public utility commissions, the better it is for utility corporations.

Street lighting by indeterminate contracts. Elec. Rev. & Western Electrician, May 9, 1916.

Outline of a plan of street lighting upon a basis of cost of service.

Study of Chicago's congested traffic. Elec. Ry. Journ., July 29, 1916.

Discussion of the report of Board of Supervising Engineers on the causes of congestion, and its recommendations for improving street railway service.

Investments

(Abstracts by Arthur S. Dewing)

BALCOM, A. B. *Fox farming in Prince Edward Island: a chapter in the history of speculation.* Quart. Journ. Econ., Aug., 1916. Pp. 17.

Became speculation and advanced enormously up to the opening of the war. In its industrial aspect, as distinct from speculation, it is a permanent and legitimate industry. The business organization and increase in prices were normal developments.

BLUE, F. K. *The regulation of a government fostered merchant marine by the automatic tempering of securities.* Am. Econ. Rev., Dec., 1916. Pp. 15.

BLUNT, J. E. and MORRIE, R. L. *Reports of railroad bonds (committee).* U. S. Investor, Oct. 14, 1916.

The difficulties of marketing railroad bonds at present time. Suggestions for making railroad reports more useful to investors.

DEWING, A. S. *Our economic peril.* Yale Rev., July, 1916.

A widespread boom will follow war and then a very drastic panic.

HOYT, A. G. *Why public utility bonds are especially adapted for investment of bank and trust company funds.* Trust Companies, Apr., 1916.

Very favorable comment on public utility bonds. Fails, however, to discriminate between different grades.

OTIS, C. A. *Report of committee on real estate bonds*. I. B. A. of A. Bull., Apr. 8, 1916.

Growing popularity of this type of bond.

PORTER, R. B. *The effect of the war on local securities*. Moody's Mag., Aug., 1916.

Interesting and timely outline of the expansion of the manufacturing industries of one fairly typical industrial community, Syracuse.

QUAIL, J. *The thrift movement and the future of investment*. Finan. Rev. Rev., Sept., 1916.

Large thrift propaganda in England and increased earnings has probably increased the number of investors. Need of proper direction to the small investor. Many small investors means better coöperation between labor and capital.

Commercial paper modernized. Journ. Am. Bankers Assoc., Aug., 1916.

Describes a form of negotiable note covering a specific sale of merchandise which bears on its face the conditions enabling it to meet the requirements of the federal reserve act.

The investment aspect of rubber shares. Finan. Rev. Rev., Sept., 1916.

Advises realizing on rubber securities and reinvesting in other channels, particularly those opened up by the war (presumably government obligations).

Corporations and Trusts

(Abstracts by Arthur S. Dewing)

BIRCK, L. V. *Statsmonopler og Regalretten*. Nat. ök. Tids., March-April, 1916. Pp. 36.

A lecture on state monopolies showing the marked tendency in this direction in Europe at the present time.

CARPENTER, N., JR. *The Westinghouse Electric and Manufacturing Company, the General Electric Company, and the panic of 1907*. II. Journ. Pol. Econ., Apr., 1916.

Careful comparative study of the reasons which led the Westinghouse Company to succumb to and the General Electric Company to successfully resist the panic of 1907. Chief causes of Westinghouse troubles too heavy dividends, foreign subsidiaries, and short term loans.

DREYFUS, E. D. *Reckoning with costs of superseded equipment*. Elec. Wld., Aug. 5, 1916.

Contends that owing to very rapid advance of arts, it is inexpedient to set aside out of earnings enough to care for obsolescence of equipment. Therefore right to capitalize at least a part of superseded equipment.

KNAUTH, O. W. *Capital and monopoly*. Pol. Sci. Quart., June, 1916.

Tries to show that competition inevitably leads to monopoly in the same or another stage of industry. Argument weak because of narrow selection of cases.

LAFFEY, M. C. *Chicago and Eastern Illinois Railroad*. Moody Mag., Aug., 1916.

Analysis of financial position of road and attempted explanation of reason for present distress. Shows remarkable case of evil resulting to both parent and subsidiary of the holding company structure.

OLDHAM, J. E. *Public service corporations (committee report)*. U. S. Investor, Oct. 14, 1916.

While ostensibly merely a report of a committee of the I. B. A. it embodies a remarkably clear and comprehensive statement of the strengths and possible weaknesses of these securities.

PRINCE, T. *The Rock Island—reorganization by anesthesia*. Moody's Mag., Aug., 1916.

A remarkably penetrating and comprehensive account of the financial situation of the Rock Island, based largely on the Kendrick report. Writer urges heavy assessment on stockholders that the road may be quickly rehabilitated.

SHAW, W. A. *Issuance of stock for purposes of consolidation*. Elec. Wld., Aug. 5, 1916.

Report of Illinois Public Service Commission empowering promoters of a consolidation of electric light properties to water stock at time of merger. Clear argument of increase of value due to consolidation.

SLICHTER, S. H. *The Cream of Wheat case*. Pol. Sci. Quart., Sept., 1916.

Uses the case as a theme for a general discussion of question of fixed prices. A very comprehensive discussion. Neglects fact that fixed prices inhibits the widest kind of competition among classes of producers and distributors.

Labor and Labor Organizations

(Abstracts by George E. Barnett)

BARNETT, G. E. *Growth of labor organization in the United States, 1897-1914*. Quart. Journ. Econ., Aug., 1916. Pp. 26.

The increase in trade-union membership was at a much more rapid rate than the increase in population or in the number of gainfully occupied persons.

BOSANQUET, H. *Women in industry*. Econ. Journ., June, 1916. Pp. 9.

The relation between working hours and output in munition plants.

CARLTON, F. T. *Essentials in the study of labor organizations*. Sci. Mo., Aug., 1916. Pp. 6.

Physical and social environment determines the structure and function of labor organizations.

FITCH, J. A. "The fundamental principle of arbitration." Survey, Sept. 23, 1916. Pp. 3.

HUTCHINS, B. L. *The position of the woman worker after the war*. Econ. Journ., June, 1916. Pp. 8.

An estimate of the forces making for new developments and of the forces tending in the conservative direction.

LEISENBERG, W. M. *Bringing the man to the job*. Annalist, Aug. 21, 1916. Pp. 2.

Favors a federal board to unite the state and local employment exchanges into a national system.

PAYEN, E. *Le chômage et le placement depuis la guerre*. L'Econ. Franç., July 15, 1916. Pp. 3.

The measures taken in France to lessen unemployment.

RAWSON, S. W. *War and wages in the iron, coal and steel industries*. Econ. Journ., June, 1916. Pp. 9.

The increases in wages, outside of those industries in which great increases in output were possible, have not been startling.

RIDER, H. A. *Bibliography on direct labor versus contract system in municipal work*. Special Libraries, June, 1916. Pp. 5.

USSING, C. *Den faste Voldgiftsret*. Nat. ök. Tids., May-June, 1916. Pp. 30.

A lecture on the new permanent court of arbitration and collective bargaining in Denmark.

WOLMAN, L. *Collective bargaining in the glass bottle industry*. Am. Econ. Rev., Sept., 1916. Pp. 19.

The building trades history. Am. Federationist, July, 1916. Pp. 12.

Brief history of the Building Trades Department of the A. F. of L. *General tie-up threatened in New York*. Elec. Ry. Journ., Aug. 5, 1916. Pp. 6.

New agreement in cloak, suit, and skirt industry in New York City. Mo. Rev.

U. S. Bureau of Labor Statistics, Sept., 1916. Pp. 6.

Railway strike. Averted by legislation. Ry. Age Gaz., Sept. 8, 1916. Pp. 2.

Some notes on the basic eight-hour day question. Ry. Age Gaz., Sept. 22, 1916. Pp. 4.

Money, Credit, and Banking

(Abstracts by Don C. Barrett)

ABBOTT, W. T. *Evolution and recent achievements in American banking*. Trust Companies, Aug., 1916. Pp. 6.

Present conditions call for American banks to finance world's commerce. Laudation of trust department of the trust company.

ALLEN, W. H. *Has the reserve act made good?* Moody's Mag., July, 1916. Pp. 3.

ALLEN, W. H. *To whom has the reserve act made good?* Moody's Mag., Sept., 1916. Pp. 3.

BEDFORD, H. D. *The monetary difficulties of early colonisation in New Zealand*. Econ. Journ., June, 1916. Pp. 20.

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BELLOM, M. *Le chèque postal*. Journ. des Econ., July, 1916. Pp. 7.

BELLOM, M. *Le paiement des dépenses de l'Etat et des départements par virements de banque*. L'Econ. Franç., Aug. 5, 1916. Pp. 3.

BOVIE, V. M. *How the U. S. assay office handles huge imports of gold.* Trust Companies, Sept., 1916. Pp. 4.

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CANN, H. V. *Finance and banking.* Century, Aug., 1916. Pp. 3.

Plea for branch banking.

CARRETTI, G. *Il rinvestimento dei depositi in buoni del tesoro.* Riv. di Sci. Banca, May, 1916. Pp. 7.

DAVENPORT, H. J. *Capital and interest.* Annalist, July 17, 1916. Pp. 2.

Defects in the traditional concept of the kind of capital which determines interest rates which have resulted in wide differences between banking fact and economic theory.

DAVIDSON, C. *British war loans: the value of the inscription method—a reply to Mr. Horace A. Gifford.* Scottish Bankers Mag., July, 1916. Pp. 6.

Deals with the method of transfer at the Bank of England.

DELLER, C. H. *The place of the Morris plan of industrial loans in the organization of credit for small borrowers.* Econ. Wld., Mar. 11, 1916. Pp. 4.

A new growing system of special banks for poor people, especially laborers, described and explained. Might serve as a model for use in country districts.

DEL MAR, A. *The passing of the Witwatersrand mines.* Journ. Am. Bankers' Assoc., Aug., 1916. Pp. 3.

The banking and financial world should make preparations to face a decrease in the gold supply.

DEL VECCHIO, G. *Considerazioni a favore di una unità monetaria internazionale.* Riv. di Sci. Banca, June, 1916. Pp. 9.

EATON, J. N. *Effect of the federal reserve act on the commercial paper market.* Journ. Am. Bankers Assoc., Aug., 1916. Pp. 5.

So long as reasonably cheap money prevails and the Federal Reserve Board continues to make single-name paper eligible for rediscount, it is probable that little effect will result.

FALK, O. T. *Will London be a free market for gold after the war?* Nineteenth Cent., July, 1916. Pp. 9.

FLORA, F. *I nuovi buoni del tesoro.* Riv. di Sci. Banca, June, 1916. Pp. 7.

FRAME, A. J. *The dangerous drift towards monopolized banking in the United States.* Econ. Wld., Aug. 12, 1916. Pp. 5.

GOODHUE, E. W. *Some economic effects of the European war on the United States.* III. *The inauguration of the federal reserve system.* Journ. Am. Bankers Assoc., July, 1916. Pp. 8.

Effect of release of reserves. Note issues of the reserve banks. Rediscount operations. War's influence on acceptances, deposit of government funds and the independent treasury.

GOODHUE, E. W. *Some economic effects of the European war on the United*

States. IV. A period of prosperity and its results. Journ. Am. Bankers Assoc., Aug., 1916. Pp. 9.

War business versus factors that indicate conditions fundamentally sound. Prosperity curve shows the highest point ever attained. Some obstacles to further development. High wages and extravagance.

GUYOT, Y. *La finance internationale.* Journ. des Econ., Aug., 1916. Pp. 14.

Based on Withers' *International Finance*, this article discusses the relation of the banking world to international politics.

KAVANAUGH, T. J. *Essentials in granting bank credits.* Trust Companies, Aug., 1916. Pp. 7.

The main feature of bank credit is honesty. Discusses inventory, depreciation, appreciation, etc.

LARKWORTHY, F. *The international exchange.* Econ. Wld., June 24, 1916. Pp. 3.

MILLER, A. C. *Federal reserve system has mobilized gold and checked inflationary tendencies.* Trust Companies, July, 1916. Pp. 2.

The note issuing policy has diminished the tendency of inflation and provided a reservoir of gold which can be tapped without shock or anxiety.

NIKOLAISEN, J. B. *Postsparekasser.* Nat. øk. Tids., March-April, 1916. Pp. 19.

Recommends postal savings banks for Denmark.

NOYES, A. D. *The world's money markets in war time.* Scribner's, Aug., 1916.

Despite the investment of \$1,000 millions during the single year 1915 in loans to foreign countries, and despite the rapid revival in home trade with its demand on credit, money rates on Wall Street never in that year rose above the low rate of 3 per cent. Explanation of this result and prospect of a change.

PATTERSON, E. M. *Inflation and the federal reserve system.* Trust Companies, Aug., 1916. Pp. 4.

Since the beginning of the war, the volume of money and credit in the United States has increased largely and rapidly, but the federal reserve system has not developed far enough to have caused the inflation.

PUTNAM, G. E. *The federal farm loan act.* Am. Econ. Rev., Dec., 1916. Pp. 20.

SILBERLING, N. J. *The mystery of clearings.* Annalist, Aug. 14, 1916. P. 1.

Relation between clearings and speculation in New York and elsewhere in the country.

SMITH, J. C. *The standardisation and equation of money-values.* Bankers' Mag. (London), Aug., 1916. Pp. 10.

A plea for monetary reform in favor of the adjustment of the legal value or debt-paying power of money in a manner "equitably reciprocal to the variations in the exchange value, or purchasing power, of money."

SPALDING, W. F. *Concerning silver*. Bankers' Mag. (London), Sept., 1916. Pp. 5.

The instability and disadvantages of silver as a currency will render improbable readoption by countries which have cast it off.

SPRAGUE, O. M. W. *The federal reserve banking system in operation*. Quart. Journ. Econ., Aug., 1916. Pp. 38.

Review of operation. Development is slow but satisfactory. It has capable management and no fundamental defects in organic law. The collection system, lending operations and influence of reserve banks toward restraint in periods of excessive business expansion, but toward relief in emergencies, are selected for special discussion.

SPRAGUE, O. M. W. *Russian exchange misinterpreted*. Russia, May, 1916. Pp. 3.

Decline "is largely due to temporary influences."

STODDART, A. *Speculation in foreign exchange*. Annalist, Sept. 25, 1916. Pp. 2.

Study of the belligerent exchanges with the conclusion that the greatest chance for profit is in the mark.

THOMPSON, F. W. *Some debatable provisions in the new federal loan act*. Trust Companies, Aug., 1916. Pp. 2.

Approval of the act will depend upon the policy of the farm loan board.

VITA, A. *L'interesse sui depositi e le condizioni del mercato*. Riv. di Sci. Banca, 1916. Pp. 12.

WAGEL, S. R. *Analysis of bank accounts applied to the statement of the bank of England*. Journ. Am. Bankers Assoc., July, 1916. Pp. 4.

Loans made by the bank of England to any other bank in the United Kingdom are counted by the latter as a reserve.

WAGEL, S. R. *Analysis of bank accounts applied to the English joint stock banks*. Journ. Am. Bankers Assoc., Aug., 1916. Pp. 6.

Three divisions of the London joint-stock company are considered, the balance sheet being the most important.

WAGEL, S. R. *European commercial banks and their affiliations with domestic and foreign trade*. Econ. Wld., Sept. 23, 1916. Pp. 3.

European countries having trade with Eastern countries transact all business through branch banks. Great Britain has the largest number.

WARBURG, P. M. *The federal reserve system and the banks*. Moody's Mag., July, 1916. Pp. 5.

Address before New York State Bankers' Association. Deals with broader and more fundamental questions.

WARBURG, P. M. *The future of the federal reserve system*. Moody's Mag., Oct., 1916. Pp. 4.

Address before the American Bankers Association, Kansas City meeting.

WARBURG, P. M. *Need of mobilizing our gold.* Annalist, Oct. 3, 1916. Pp. 2.

Small amount of the metal is held as free gold. More of it ought to be. Present lending power of reserve banks.

WHITAKER, A. C. *Currency depreciation in war time.* Trust Companies, July, 1916. Pp. 6.

Discusses various tests of depreciation with especial reference to current experience of England, France, and Germany.

WILLIS, H. P. *American business and finance after the war.* Journ. Pol. Econ., June, 1916. Pp. 25.

Discussion centers around the federal reserve system. Prophecies cautiously. To secure the preëminence of this country as a financial and banking center our banks must be kept in a liquid, safe, and conservative position, even at the cost of immediate profit.

Agrarian and land credit in Italy during the five years 1910-1914. Intern. Rev. Agri. Econ., July, 1916. Pp. 8.

Shows the rapid growth of the seven land credit establishments in Italy.

The banking half-year. Bankers' Mag. (London), Aug., 1916. Pp. 5.

Successful financially despite the fact that numerous extra expenses were incurred; *e. g.*, paying men who had gone into active military service.

Banking profits in the first half of 1916. Bankers' Mag. (London), July, 1916. Pp. 3.

Dividends will diverge very little from that of last year.

The budget cheque system. Bankers' Mag., Aug., 1916. Pp. 5.

Advantages of the system over present method.

Concentrated banking power. Annalist, Oct. 9, 1916. Pp. 2.

Record of the hundred largest national banks shows that twenty New York institutions hold one fifth of resources of all federal institutions.

A criticism of the administration of the federal reserve system. Econ. Wld., Sept. 2, 1916. Pp. 2.

Discussion of Fowler's contention that federal reserve bank issues are not only dangerous and expensive but have brought nothing but expansion.

The imperial bank of Germany and report for the year 1915 (two articles). Bankers' Mag. (London), Sept., 1916. Pp. 34.

Despite the disadvantages of war the imperial bank has been able to meet all demands. The increase in gold reserve has been steady, though less than that of previous year.

International trade as a sign of national prosperity. Bankers' Mag. (London), July, 1916. Pp. 7.

In order to hold the present healthy trade the United States government must coöperate and educate men of ability to represent the country.

Land credit in Indo-China. Intern. Rev. Agri. Econ., July, 1916. Pp. 16.

Present conditions and suggested reorganization of land credit.

The mortgage movement in Prussia up to 1913, analysed according to occupations of the mortgagors. Intern. Rev. Agri. Econ., Aug., 1916. Pp. 6.

The national bank of Italian rural credit societies and its first results. Intern. Rev. Agri. Econ., June, 1916. Pp. 5.

The bank a center for the rural societies must be judged on basis of what it may accomplish in normal times. Outlook good.

Note issue and the war. Bankers' Mag. (London), July, 1916. Pp. 6.

Unexpected employment of paper currency. Two reasons for enormous expansion: rapid increase in expenditures and therefore in exchange of goods by belligerents, and desire to increase the revenues. Further increase of issue will be slight.

Popular co-operative credit. Intern. Rev. Agri. Econ., May, June, July, 1916. Pp. 15, 15, 10.

(1) Coöperative societies in Russia were founded in 1865 by a private land owner. Rapid growth toward 1880 after inclusion of poorer peasants. Much state aid now given. (2) Discusses field of operation, financial status, and tendencies manifested in Russia. (3) Coöperative societies in Russia have secured great results with scanty means. *Pros and cons of the use of federal reserve notes in bank reserves.* Journ.

Am. Bankers Assoc., Aug., 1916. Pp. 4.

European banks do not require cash reserves and if the federal reserve banks could secure an approximation of control of the general situation it would not seem necessary here.

A real flood of gold. Annalist, July 24, 1916. P. 1.

Enormous movement to this country in recent months may be only beginning of a veritable tidal wave.

The report of the bank of France for 1915: Transactions for 1915. (Two articles.) Bankers' Mag. (London), Aug., 1916. Pp. 35.

During the year of 1915 the stock of gold held by the bank has increased £36 millions while much was done in promoting the 5 per cent loan for foreign defense and in dealing with the complicated problems of foreign exchanges.

Study course in savings banking. Lesson 8: *Savings banking in South America.* Journ. Am. Bankers Assoc., Aug., 1916. Pp. 4.

Les déplacements d'or depuis le début de la guerre européenne. L'Econ, Franç., June 24, 1916. Pp. 2.

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COLLET, C. E. *Cost of food for an adult woman.* Journ. Royal Stat. Soc., May, 1916.

VUOLI, R. *L'intervento degli enti pubblici nella delimitazione dei prezzi dei generi di prima necessità.* Riv. Intern., Aug., 1916. Pp. 24.

Public fixation of war prices in Italy.

WARMING, J. *Krigen og Prisniveauet*. Nat. òk. Tids., March-April, 1916. Pp. 46.

A study of the effects of the war on the price level.

WOOD, F. *The increase in the cost of food for different classes of society since the outbreak of war*. Journ. Royal Stat. Soc., July, 1916.

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La hausse des prix depuis la guerre. L'Econ. Franç., Aug. 26, 1916.

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D. B. *La Ligue du libre-échange en juin 1916*. Journ. des Econ., July, 1916.

EMERSON, G. *Tariff making by log rolling*. Ann. Am. Acad., Mar., 1916.

GARDINER, A. G. *England and free trade*. New Repub., Sept. 30, 1916. Pp. 2.

Wholly unlikely that England will adopt a protective tariff at close of war.

MARVIN, W. L. *The dyestuff situation*. Bull. Nat. Assoc. Wool Mfrs., July, 1916.

SUKSENA, I. B. *India and imperial preference*. Wealth of India, May, 1916.

Fifty-first annual meeting of the National Association of Wool Manufacturers. Bull. Nat. Assoc. Wool Mfrs., Apr., 1916.

Public Finance

(Abstracts by Charles P. Huse)

BLAKEY, R. G. *The new revenue act*. Am. Econ. Rev., Dec., 1916. Pp. 12.

CABIATA, A. *Problemi finanziari della guerra*. Giorn. d. Econ., Aug., 1916. Pp. 47.

CARVER, T. N. *How to finance a great war*. Annalist, July 10, 1916. Pp. 2.

Emphasizes need of relying upon taxation.

FALCK, E. *L'impôt général sur le revenu*. Journ. des Econ., June, 1916. Pp. 12.

A critical discussion of the new French tax on income, "the greatest fiscal revolution since 1789."

FLORA, F. *Il prestito nazionale 5 per cento*. Riv. di Sci. Banca, Jan., 1916. Pp. 23.

GOING, M. C. *German war finance*. Journ. Pol. Econ., June, 1916. Pp. 34.

Describes Germany's financial preparation for the war, her war loans and loan banks, and the steady depreciation of her paper money.

GUYOT, Y. *Les troisièmes douzièmes provisoires de 1916 et les projets d'impôts*. Journ. des Econ., June, 1916. Pp. 24.

A discussion of the latest French budget.

JÈZE, G. *Les finances de guerre de l'Angleterre*. Rev. Sci. Légis. Finan., April-May-June, 1916. Pp. 92.

Continues critical study of England's policy of war finance from September, 1915.

McCLOY, J. F. *The inheritance tax—double and multiple*. Trust Companies, Sept., 1916. Pp. 4.

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MOSES, R. *Standardization of salaries and grades in civil service*. Am. Pol. Sci. Rev., May, 1916. Pp. 19.

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PAISH, G. *War finance*. Journ. Royal Stat. Soc., May, 1916. Pp. 33.

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PATERSON, G. W. *The economic and social unwisdom of an income tax on life insurance*. Econ. Wld., Sept. 2, 1916. Pp. 3.

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WILLIAMS, H. D. *Effect of new federal income tax changes*. Trust Companies, Sept., 1916. Pp. 3.

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The history of appropriations in the legislative session of 1916. Munic. Research, Apr., 1916. Pp. 134.

A valuable study of Governor Whitman's recent attempt to secure budget reform in New York state.

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Three proposed constitutional amendments for control of the purse. Munic. Research, May, 1916. Pp. 86.

A comparative study of the merits of the Maryland and New York plans for securing budget reform.

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(Abstracts by William B. Bailey)

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A study of the birth-rate, marriage-rate, fertility, death-rate, natural increase-rate and distribution of population by age in Great Britain during the past thirty years.

BRIGHAM, A. P. *The population of New York state.* Geog. Rev., Sept., 1916. Pp. 12.

A study of the growth of the population of New York from 1790 to 1910 compared with certain other states and the changes in the distribution of the population in New York state.

CANNAN, E. *A study in Malthusianism.* Econ. Journ., June, 1916. Pp. 6.

The possible effect of war in checking the birth-rate.

DUBLIN, L. I. *Factors in American mortality.* Am. Econ. Rev., Sept., 1916. Pp. 26.

DUMONT, H. *Antropología y patología comparada da los negros esclavos.* Rev. Bim. Cubana, Jan.-Feb., 1916. Pp. 16.

FISHER, I. *The mortality of our public men.* Quart. Pub. Am. Stat. Assoc., Mar., 1916. Pp. 15.

A study of the mortality of the presidents, vice-presidents, senators, and representatives of the United States compared with insured lives of others.

GIRAULT, A. *La diminution de la population adulte mâle en Europe.* Rev. d'Econ. Pol., Sept.-Dec., 1915.

GOMPERS, S. *Reasons for immigration restriction.* Am. Federationist, Apr., 1916. Pp. 4.

A brief article advancing no new arguments in favor of restriction.

KELLOR, F. A. *Americanization by industry*. Immigrants in Am. Rev., Apr., 1916. Pp. 12.

The duty of employers of labor to do what they can to Americanize their labor forces.

MASSABUAU, J. *Les lois contre la famille: les réformes nécessaires*. Réf. Soc., July 1, 1916.

A discussion of the necessity of revising the divorce law, the law concerning the celebration of marriage and the legitimation of illegitimate children, in order to reestablish the French family and repeople the country.

NIXON, J. W. *War and national vital statistics with special reference to the Franco-Prussian war*. Journ. Royal Stat. Soc., July, 1916. Pp. 37.

The effect of the Franco-Prussian war upon the death-rate, birth-rate, and marriage-rate of England, France, and Prussia.

RUSSELL, B. *Marriage and the population question*. Intern. Journ. Ethics, July, 1916. Pp. 18.

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Housing

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ADSHEAD, S. D. *The standard cottage*. Town Planning Rev., Apr., 1916. Pp. 6.

FARRELL, G. *Housing in Massachusetts towns*. Am. City, Sept., 1916. Pp. 8.
Study of effect of Tenement House act for towns.

GILBERT, C. D. *Low cost houses for industrial operatives*. Concrete, June, 1916. Pp. 2.

Plan and specifications for a four-room house.

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HIBBS, H. H., JR. *Infant mortality and urban housing and living conditions*. Journ. Sociologic Medicine, Oct., 1915. Pp. 23.

IHLDER, J. *Flint*. Survey, Sept. 2, 1916. Pp. 9.

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KIMBALL, T. *The reconstruction of French and Belgian towns destroyed in the war*. Landscape Arch., July, 1916. Pp. 7.

LASKAR, B. *German war monuments of tomorrow*. Survey, Apr. 1, 1916.
Garden cities planned for war cripples.

MULVIHILL, F. J. *Districting by ordinance in Sacramento*. Am. City, July, 1916. Pp. 3.

NOLEN, J. *Waterbury housing report*. Supplement to (Waterbury) Sunday Republican, Sept. 3, 1916. Pp. 8.

PETTIT, G. M. *Made-towns and tenement houses.* Journ. Royal Sanitary Inst., June, 1916. Pp. 15.

POTTER, Z. L. *Penns Grove.* Survey, Dec. 4, 1915. Pp. 8.

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RAMSEY, S. C. *The small house of a hundred years ago.* Town Planning Rev., Apr., 1916. Pp. 4.

The housing problem—Athens and its solution. Garden Cities & Town Planning, June, 1916. Pp. 4.

Insurance and Pensions

(Abstracts by Henry J. Harris)

BLANCHARD, R. H. *Municipal fire insurance in Great Britain and the United States.* Nat. Munic. Rev., July, 1916. Pp. 7.

Methods used by municipalities in insuring municipal property.

BROOKS, C. E. *Life insurance for professors.* Univ. Calif. Pubs. in Econ., Apr. 29, 1916. Pp. 30.

Advocates the use of reversionary annuities and term policies as the best method of meeting the needs of salaried persons.

BUCK, G. B. *Valuation of pension funds, with special reference to the work of the New York City pension commission.* Pro. C. A. S. S. A., May, 1916. Pp. 17.

The city has nine district funds, all of which are in an unsatisfactory condition.

BURNHAM, A. C. *A plan for the care of the insured under the proposed health insurance law.* Medical Rec., Apr. 22, 1916. Pp. 5.

Suggests methods of administering the medical benefits under the New York health insurance bill advocated by the Association for Labor Legislation.

COWLES, W. G. *Is it feasible for stock companies to meet the competition of the mutuals and state funds in workmen's compensation insurance?* Econ. Wld., Sept., 16, 1916. Pp. 4.

Meeting this competition by lowering the rates or reducing the commissions is unwise.

DOWNNEY, E. H. *A preliminary test of the coal mine rating schedule of the Associated Companies.* Pro. C. A. S. S. A., May, 1916. Pp. 8.

The test indicates the accurate working of the schedule.

ELLISON, W. B. *Fire insurance liability and explosion losses.* Econ. Wld., Aug. 19, 1916. Pp. 3.

The recent explosion in the harbor of New York City called attention to the explosion clause in the standard fire policy which stipulates for exemption from liability from explosion.

FISHER, A. *Outline of a method for determining basic pure premiums.* Pro. C. A. S. S. A., May, 1916. Pp. 13.

Proposes grouping employees in a comparatively small number of

danger classes, with pay-rolls divided to correspond; then the classification of the hazards is developed by using the dispersion theory.

FITCH, F. M. *Some distinctive features of steam boiler underwriting, and their bearing upon the formulation of premium rates.* Pro. C. A. S. S. A., May, 1916. Pp. 10.

FONDILLER, R. *Office practice in the valuation of compensation losses.* Pro. C. A. S. S. A., May, 1916. Pp. 20.

Describes methods in use in the New York State Insurance Fund; gives schedules used, with tables for computations.

FORSYTH, C. H. *Workmen's compensation in the United States.* Am. Underwriter, June, 1916. Pp. 11.

Summary of data regarding premiums and rating.

GOODWIN, E. S. *A study of workmen's compensation schedule "W" and the problems incident thereto.* Pro. C. A. S. S. A., May, 1916. Pp. 14.

Comment on the reporting schedule for compensation business.

GREENE, W. W. *Should the compensation premium reflect the experience of the individual risk?* Pro. C. A. S. S. A., May, 1916. Pp. 10.

The chief reason for the demand originates in the hope of the carrier for competitive advantage.

HALSEY, O. S. *Compulsory health insurance in Great Britain.* Am. Lab. Legis. Rev., June, 1916. Pp. 11.

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HAYHURST, E. R. *List of recent pertinent literature on health insurance.* Ohio Pub. Health Journ., June, 1916. Pp. 2.

Short list of recent titles.

HITCHCOCK, H. B. *Insurance in Japan.* Econ. Wld., July 1, 1916. Pp. 2.

Digest of statistics of operations in 1913 and 1914 of companies writing life, marine, fire, accident, conscription, transportation, fidelity, boiler, and automobile insurance.

KALET, A. *Voluntary health insurance in New York City.* Am. Lab. Legis. Rev., June, 1916. Pp. 13.

Organization and operation of representative New York fraternal societies, trade unions, mutual assessment societies, private stock companies, and establishment funds.

KEENE, F. B. *The extent of the insurance business in Switzerland.* Econ. Wld., June 24, 1916. Pp. 3.

Reports for 1912 and 1913 summarized; covers life, accident, fire, plate glass, flood, hail, etc., together with a brief review of operations under the sickness insurance of 1911.

LANGSTAFF, M. P. *Sound and deceptive comparisons and ratios in judging life insurance companies.* Econ. Wld., Sept. 9, 1916. Pp. 2.

Analyzes the fallacies of the usual comparisons.

LINTON, M. A. *The endowment policy*. Am. Underwriter, June, 1916. Pp. 6.

The long endowment is the most satisfactory form of policy.

LINTON, A. *Insurance and annuities for college professors*. Am. Underwriter, July, 1916. Pp. 7.

The proposed Carnegie Foundation plan combining pension and term insurance, if taken together, the writer claims would be more expensive than a true endowment policy computed at the same mortality and interest.

MEAD, W. D. *Health and accident insurance, historically and practically considered*. Econ. Wld., Aug. 26, 1916. Pp. 2.

Advocates a form of policy which will provide either a principal sum and a weekly indemnity, or a weekly indemnity only.

MEEKER, R. *Relation of workmen's compensation to old-age, health and unemployment insurance*. Ohio Pub. Health Journ., June, 1916. Pp. 4.

The states of the union have in a measure cared for the social losses caused by industrial accidents; other features of social insurance should be adopted to meet costs due to other causes.

MOWBRAY and BLACK. *On the relation of accident frequency to business activity*. Pro. C. A. S. S. A., May, 1916. Pp. 10.

Accident frequency per unit of exposure tends to rise and fall as production rises and falls, though not necessarily in the same ratio.

PAGE, B. A. *The history and problems of accident insurance*. Econ. Wld., July 8, 1916. Pp. 2.

General discussion from the private company's point of view.

RIEGEL, R. *Fire insurance rates: problems of coöperation, classification, regulation*. Quart. Journ. Econ., Aug., 1916. Pp. 34.

One of the imminent developments of fire insurance is the question whether the companies will endeavor to continue past methods of measuring hazards or will coöperate in the support of a new system intended to furnish the public with the proof of equitableness which it demands.

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Life insurance promotes thrift among policyholders, encourages life and health conservation, and the recent development of group insurance for employees increases good-will between employer and wage-earner.

ROCCA, G. *Insurance conditions in reference to the transport of cereals*. Intern. Rev. Agri. Econ., July, 1916. Pp. 11.

Marine and land transport insurance; conditions of contract, etc.

RUBINOW, I. M. *Relation between private and social insurance*. Pro. C. A. S. S. A., May, 1916. Pp. 12.

Social insurance largely creates its own business—it does not to any extent encroach upon vested interests. Coöperation between the two is possible for an indefinite time.

THORSEN, C. *Livsforsikrigsselskabernes Overskud*. Nat. ök. Tids., May-June, 1916. Pp. 17.

Discusses economic principles underlying the use of life insurance company surpluses.

WOODWARD, J. H. *The experience rating of workmen's compensation risks*. Pro. C. A. S. S. A., May, 1916. Pp. 14.

Careful statement of arguments on both sides with review of systems in use. Emphasizes the need for adequate statistics.

An analytical study of the Metropolitan Life Insurance Company's experience with agents. Econ. Wld., Aug. 26, 1916. Pp. 2.

Study of the characteristics of agents: their persistency in the business, previous occupations, nationality, age, married or single, etc., in relation to their success in securing business.

Brief bibliography on health insurance. Labor Gaz., Sept.-Oct., 1916. Pp. 3.

List of recent official and unofficial sources for the United States and foreign countries.

Brief for health insurance. Am. Labor Legis. Rev., June, 1916. Pp. 83.

Comprehensive statement of the case for health insurance, with citations of sources of information.

Comparative statistics of fire losses in the United States. Econ. Wld., Aug. 19, 1916. Pp. 2.

Convenient tables showing data for United States as a whole, for about 300 cities and comparative per capita losses of the leading countries of the world.

A new bill before the Chamber of Deputies for compulsory insurance against accidents in agricultural labour. Intern. Rev. Agri. Econ., June, 1916. Pp. 6.

Digest of bill introduced into Italian Parliament on Dec. 11, 1915, and read at sessions in March, 1916.

The New Zealand government life insurance department in 1915. Econ. Wld., Sept. 16, 1916. P. 1.

Review of the business of the government department for the years 1913, 1914, and 1915. Opinion is expressed that the government is not as successful as the private companies.

A penalty on patriotism. Annalist, June 26, 1916. Pp. 2.

Statements from presidents of large life insurance companies as to practice in charging extra premiums for military service.

Recent reports relating to workmen's compensation and industrial accidents. Mo. Rev. Bureau Labor Stat., July, 1916. Pp. 21.

Digest of reports of New York, Ohio, and Wisconsin commissions.
Select critical bibliography on health insurance. Am. Labor Legis. Rev., June, 1916. Pp. 7.

List of available sources for United States and foreign countries with contents notes.

Unemployment insurance under the British national insurance act. Mo. Rev. Bureau Labor Stat., July, 1916. Pp. 13.

Description of system and statistics of operations.

The war mortality experience of British life insurance companies. Econ. Wld., Sept. 9, 1916. Pp. 2.

Generally speaking, the war has directly increased British mortality claims by about 12 per cent.

Workmen's compensation legislation of 1916. Mo. Rev. U. S. Bureau Labor Stat., Sept., 1916. Pp. 3.

New laws and amendments enacted by United States Congress, Porto Rico, Kentucky, Louisiana, Maryland, Massachusetts, New Jersey, and New York.

Statistics

(Abstracts by A. A. Young)

AMOROSO, L. *Contributo al metodo delle minime differenze.* Giorn. d. Econ., July, 1916. Pp. 37.

ANDERSON, B. M. *Home vs. foreign trade.* Annalist, Feb. 7, 1916. Pp. 2.

Shows that Fisher's figures should not be used to indicate the relative industrial importance of domestic and foreign trade and maintains that Fisher overestimates the total volume of domestic exchanges.

BOAG, H. *Human capital and the cost of the war.* Journ. Royal Stat. Soc., Jan., 1916. Pp. 11.

Comparison of methods proposed by different writers (mostly English) for determining human capital values. Inadequate analysis.

BURHOP, W. H. *The use of accident statistics for accident prevention.* Econ. Wld., Apr. 29, 1916. Pp. 3.

CHAPIN, F. C. *The budgets of Smith College girls.* Quart. Pubs. Am. Stat. Assoc., June, 1916. Pp. 8.

A careful study of 421 expense accounts.

DARWIN, L. *On the statistical enquiries needed after the war in connection with eugenics.* Journ. Royal Stat. Soc., Mar., 1916. Pp. 17.

A paper of unusual interest, followed by a spirited discussion. Concerned with (1) the probability of the war's affecting an adverse selection of the population, (2) practical proposals for statistical inquiries into the extent of such effects, and (3) possible remedial measures.

DE V.-C. *Budgets de familles danoises.* Bull. Stat. Gén., Apr., 1916. Pp. 11.

Account of the results of a Danish investigation of 1914.

DUBLIN, L. I. and KOFF, E. W. *The improvement of statistics of cause of death through supplementary inquiries to physicians.* Quart. Pubs. Am. Stat. Assoc., June, 1916. Pp. 17.

An account of the fruitful results of special inquiries made by the statistical bureau of the Metropolitan Life Insurance Company.

DUBLIN, L. I. and LANGMAN, H. "*On the handicapping of the first born,*" a criticism of Professor Pearson's 1914 memoir. Quart. Pubs. Am. Stat. Assoc., Dec., 1915. Pp. 9.

Seemingly conclusive proof that Pearson's findings with respect to the physical inferiority of the first born are traceable to his erroneous assumption that the distribution by order of birth of the brothers and sisters of a group of physically inferior persons is identical with the corresponding distribution in the community.

DUNLOP, J. C. *Note as to error of statement of ages of young children in a census.* Journ. Royal Stat. Soc., May, 1916. Pp. 9.

Detailed comparison of census and registration reports (Scotland) for 12,000 children under five show census errors in 7.5 per cent of cases, overstatement being over seven times as frequent as understatement.

DUNLOP, J. C. *A rapid method of calculating an average age.* Journ. Royal Stat. Soc., May, 1916. Pp. 4.

Method consists in (1) summing all ages having the same units digit and also all ages having the same tens digit, (2) multiplying by indicated numbers, (3) summing products, (4) dividing by total population.

DURAND, E. D. *The service of statistics in problems of war and peace.* Quart. Pubs. Am. Stat. Assoc., Dec., 1915. Pp. 10.

Tasks set for the statistician by the war.

EDGEWORTH, F. Y. *On the mathematical representation of statistical data.* Journ. Royal Stat. Soc., July, 1916. Pp. 47.

The first of a new series of papers on the analytical representation of frequency statistics. Includes a short review of the writer's earlier work in this field. Emphasizes the advantages of percentiles as compared with movements as constants to be used in the method of translation.

EDIN, K. A. *Studier i svensk fruktsamhetsstatistik.* Ek. Tids., No. 9, 1915. Pp. 54.

A study of the statistics of fecundity in Sweden and of different methods of using such statistics.

FALKNER, R. P. *Statistical tabulation and practice.* Quart. Pubs. Am. Stat. Assoc., May, 1916. Pp. 9.

Sound observations on elementary but important points in the construction of tables.

FISHER, I. *A multi-billion dollar nation; over and under counting.* Annalist, Feb. 21, Mar. 13, 1916. Pp. 3, 1.

Defends his estimates of the aggregate volume of domestic trade, which had been criticised as too large by Professor B. M. Anderson.

FORSYTH, C. H. *Notes upon Mr. King's short method of constructing abridged life tables.* Journ. Royal Stat. Soc., Jan., 1916. Pp. 4.

With appended note by Mr. George King.

GOLDENWEISER, E. A. *Classification and limitations of statistical graphics*. Quart. Pubs. Am. Stat. Assoc., May, 1916. Pp. 5.

Classification by purpose: reference, illustration, analysis, research.

HICKERNELL, W. F. *Building business barometers: Dr. Copeland's method*. Moody's Mag., Dec., 1915. Pp. 5.

Dr. Copeland's proposed method of eliminating "normal growth" is approved, but other methods are held to be as good.

HOBSON, A. *The use of the correspondence method in original research*. Quart. Pubs. Am. Stat. Assoc., June, 1916. Pp. 9.

Practical suggestions, based on experience of department of agricultural economics of the University of Wisconsin.

HUBER, M. *Les étrangers à Paris d'après le recensement de 1911*. Bull. Stat. Gén., July, 1915. Pp. 15.

KING, W. I. *New method for computing the moving average*. Quart. Pubs. Am. Stat. Assoc., Dec., 1915. Pp. 3.

Cumulative addition and corresponding subtractions.

LEHFELDT, R. A. *The normal law of progress*. Journ. Royal Stat. Soc., May, 1916. Pp. 4.

Makes the "progressing" magnitude a "normal error function" of time. Has little or no significance except as suggesting a definite limit to most instances of "progress."

LESLIE, G. D. *Vital statistics work in California*. Quart. Pubs. Am. Stat. Assoc., Dec., 1915. Pp. 6.

MACDONALD, A. *Comparative militarism*. Quart. Pubs. Am. Stat. Assoc., Dec., 1915. Pp. 3.

Number of soldiers and sailors relative to total population in times of peace, for various countries.

MITCHELL, W. C. *A critique of index numbers of the prices of stock*. Journ. Pol. Econ., July, 1916. Pp. 70.

The first adequate study of the special problems attending the construction of such index numbers. The method used is empirical rather than primarily analytical, comparisons being made of the results of many different methods of construction. The general conclusion favors the use of geometric mean of short-time relatives.

PARMELEE, J. H. *Statistical standardization in Washington*. Quart. Pubs. Am. Stat. Assoc., June, 1916. Pp. 4.

Despite the appointment, in 1908, of an Interdepartmental Statistical Committee, little has been accomplished.

PERSONS, W. M. *Construction of a business barometer based upon annual data*. Am. Econ. Rev., Dec., 1916. Pp. 31.

POWERS, L. G. *Comparative statistics of British cities*. Nat. Munic. Rev., Apr., 1916. Pp. 14.

A review of a recent publication of the London County Council, with some comparisons with financial statistics of American cities.

RUTTER, F. R. *Statistics of imports and exports*. Quart. Pubs. Am. Stat. Assoc., Mar., 1916. Pp. 19.

Careful and informing discussion of the different principles on which these statistics are compiled in different countries, their legal bases in the United States, their accuracy, timeliness, classification, presentation, and their comparability with the statistics of other countries.

TACHAUER, D. *Statistische Untersuchungen über die neigungen zu mischehen*. Zeitschr. f. d. ges. Staatswis., 3d Heft, 1915. Pp. 25.

Study of the statistics of marriages of persons of different religious faiths, employing a (supposedly) new *Neigungskoeffizient*, which happens to be identical with a coefficient of association suggested some years ago by Yule.

WATKINS, G. P. *Theory of statistical tabulation*. Quart. Pubs. Am. Stat. Assoc., Dec., 1915.

General analysis and helpful concrete suggestions.

WELTON, T. A. *Occupations of the people, England and Wales, 1911. Memorandum as to merchants and clerks*. Journ. Royal Stat. Soc., Jan., 1916. Pp. 6.

WILLIAMS, T. T. *Note on two forms of index numbers*. Bengal Econ. Journ., Apr., 1916. Pp. 5.

An unweighted average of relative prices is usually larger than a weighted average during a period of expanding trade, while the reverse is usually true during a period of contracting trade.

WORMS, R. *La statistique du Conseil des Prises*. Bull. Stat. Gen., Oct., 1915. Pp. 4.

A review of the first year's work of the French prize court.

WRIGHT, P. G. *The new index numbers of the United States Bureau of Labor Statistics*. Quart. Journ. Econ., Aug., 1916. Pp. 9.

Including an appreciative review of Mitchell's *The Making and Using of Index Numbers*.

YOUNG, A. A. *Nearing's "Income"; King's "Wealth and Income"*. Quart. Journ. Econ., May, 1916. Pp. 10.

An unfavorable review of Nearing's book and a favorable review of King's.

Investigations into variations in cost-of-living index-numbers in 150 towns in the commonwealth. Labour Bull. (Australia), Mar., 1916.

Joint committee on standards for graphic presentation. Quart. Pubs. Am. Stat. Assoc., Dec., 1915. Pp. 9.

A preliminary report. Concerned with elementary aspects of the construction of diagrams intended for popular use.

A new method of computing accident rates. Mo. Rev. Bureau of Labor Stat., July, 1916. Pp. 12.

Accident frequency rates are ratios of accidents to "full-time workers" (number of man-hours per year divided by 3000). Accident

severity rates are obtained by weighting accidents roughly on a time-loss basis.

Cours des denrées à Paris, gros et détail. Bull. Stat. Gén., Apr., 1916. Pp. 9.

Enquête sur les prix de vente au détail de certaines denrées dans les villes Françaises de plus de 10,000 habitants. Bull. Stat. Gén., Apr., 1916. Pp. 20.

Indicating an advance of 34 per cent since the beginning of the war.

Prix de gros, prix maxima, prix de détail, cours des denrées à Paris. Bull. Stat. Gén., Jan., 1916. Pp. 36.

The information regularly appearing in this periodical on prices in the different countries of Europe during the war is particularly complete.